

1 EXTERNALLY CUSTOMIZED TONAL-HIERARCHY CONFIGURATION AND
2 COMPLEMENTARY BUSINESS ARRANGEMENTS, FOR INKJET PRINTING

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5 ABSTRACT
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7 A printer is made by one firm; a RIP made/programmed
8 by a separate RIP firm processes and sends to the printer
9 image data; a two-bit data pipeline passes data through
10 the RIP; a drop table converts data in the pipe to printer
11 resolution. RIP firms set up the table with output dot-
12 per-pixel structure different from the pipe. Ideally the
13 table is in the printer but formed by the RIP; the RIP has
14 precooked printmask instructions, and the printer, popup
15 instructions to refine mask instructions; the instructions
16 hide nozzle-out error and fix which pass prints each pix-
17 el; a computer, monitor etc. receive/create data and pass
18 them to the RIP. Another aspect: a printer has a plural-
19 bit data pipe, and interface to accept an external table
20 to convert data from the pipe to numbers of dots per pix-
21 el. The interface best accepts a printmode recipe too.